

Operating Plan Summary

This weekday operating plan was used for environmental impact analysis in the Draft Environmental Impact Statement (EIS) for the East Link Project. By year 2020, East Link is proposed to be constructed from Seattle to an interim terminus, either the Hospital Station in Segment C or another station in Segment D. For year 2030, the service plan was analyzed to operate between Seattle and the Redmond terminus station.

The assumed weekday operating plan in 2020 has the following service patterns:

- Peak periods (6:00 to 8:30 a.m.; 3:00 to 6:30 p.m.): four-car trains every 10 minutes.
- Midday and early evening: four-car trains every 15 minutes.
- Early morning (5:00 to 6:00 a.m.) And late evening (10:00 p.m. to 1:00 a.m.): two-car trains with 15-minute headway.

The assumed all-day Saturday and Sunday operating plan in 2020 is two-car trains with 15-minute headway.

The assumed weekday operating plan in 2030 has the following service patterns:

- Peak periods (6:00 to 8:30 a.m.; 3:00 to 6:30 p.m.): four-car trains every 9 minutes.
- Midday and early evening: four-car trains with 10-minute headway.
- Early morning (5:00 to 6:00 a.m.) and late evening (10:00 p.m. to 1:00 a.m.): three-car trains with 15-minute headway.

The assumed all-day Saturday and Sunday operating plan in 2030 is three-car trains with 15-minute headway.

Table E-1 lists the days and hours when each service pattern would operate. Service would be more specifically tailored to the transition periods (for example, between early morning and peak hour).

Train lengths are based on projected ridership and the following loading standards: maximum vehicle load factors (riders per seat) of approximately one during the midday and early/late service periods and two during peak periods (74 seats/vehicle). Operating schedules and train lengths would be adjusted in response to actual ridership.

TABLE E-1
Assumed East Link Operating Schedule

	From	To	Number of Hours	Service Type
Weekday	5:00 a.m.	6:00 PM	1.0	Early/Late
	6:00 a.m.	8:30 a.m.	2.5	Peak
	8:30 a.m.	3:00 p.m.	6.5	Base
	3:00 PM	6:30 p.m.	3.5	Peak
	6:30 p.m.	10:00 p.m.	3.5	Base
	10:00 p.m.	1:00 a.m.	3.0	Early/Late
Saturday	5:00 a.m.	1:00 a.m.	20.0	Early/Late
Sunday	6:00 a.m.	12:00 a.m.	18.0	Early/Late